**IN THE CLAIMS:**

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A GPRS telecommunications system, comprising:

a Serving GPRS support node (SGSN) including a mapping module and configured ~~adapted~~ to interface to a mobile station; and

a gateway GPRS support node (GGSN) including a port assignment module and configured ~~adapted~~ to couple to a packet network;

wherein said port assignment module is configured ~~adapted~~ to sequentially assign a plurality of IP addresses to same TCP ports and said mapping module is configured ~~adapted~~ to maintain a mapping between a particular port, an IP address, and a mobile station during a connection between said mobile station and said packet network.

2. (Original) A telecommunications system in accordance with claim 1, wherein said IP addresses are assigned to said ports responsive to a PDP activation request.

3. (Original) A telecommunications system in accordance with claim 2, wherein said SGSN receives a port identification and an IP address responsive to a Create PDP context request.

4. (Original) A telecommunications system in accordance with claim 3, wherein said SGSN sends the received IP address to a mobile station in a PDP Context Activation Response.

5. (Currently Amended) A GPRS telecommunications system, comprising:

a Serving GPRS support node (SGSN) configured ~~adapted~~ to interface to a

plurality of mobile stations;

a gateway GPRS support node (GGSN) configured ~~adapted~~ to couple to a packet network; and

means for assigning an IP address to a plurality of TCP ports such that a plurality of said mobile stations can simultaneously communicate with said packet network using said IP address over different ones of said TCP ports.

6. (Original) A GPRS telecommunications system in accordance with claim 5, said assigning means comprising means for assigning said IP addresses to said ports responsive to a PDP activation request.

7. (Original) A GPRS telecommunications system in accordance with claim 6, wherein said SGSN receives a port identification and an IP address responsive to a Create PDP context request.

8. (Original) A GPRS telecommunications system in accordance with claim 7, wherein said SGSN sends the received IP address to a mobile station in a PDP Context Activation Response.

9. (Previously Presented) A telecommunications method, comprising:
assigning multiple IP addresses to a same port in a GGSN;
transmitting packets from multiple mobile stations via said port; and
maintaining a mapping of IP addresses, ports, and mobile stations at an SGSN.

10. (Original) A telecommunications method in accordance with claim 9, said assigning comprising assigning said IP addresses to said ports responsive to a PDP activation request.

11. (Original) A method in accordance with claim 10, further comprising: a SGSN receiving a port identification and an IP address responsive to a Create PDP context request.

12. (Original) A method in accordance with claim 11, further comprising said SGSN sending the received IP address to a mobile station in a PDP Context Activation Response

13. (Currently Amended) A method, comprising:

providing a Serving GPRS support node (SGSN) including a mapping module and configured ~~adapted~~ to interface to a mobile station; and

providing a gateway GPRS support node (GGSN) including a port assignment module and configured ~~adapted~~ to couple to a packet network;

wherein said port assignment module is configured ~~adapted~~ to sequentially assign a plurality of IP addresses to same TCP ports and said mapping module is configured ~~adapted~~ to maintain a mapping between a particular port, an IP address, and a mobile station during a connection between said mobile station and said packet network.

14. (Original) A method in accordance with claim 13, wherein said IP addresses are assigned to said ports responsive to a PDP activation request.

15. (Original) A method in accordance with claim 14, wherein said SGSN receives a port identification and an IP address responsive to a Create PDP context request.

16. (Original) A method in accordance with claim 15, wherein said SGSN sends the received IP address to a mobile station in a PDP Context Activation Response.